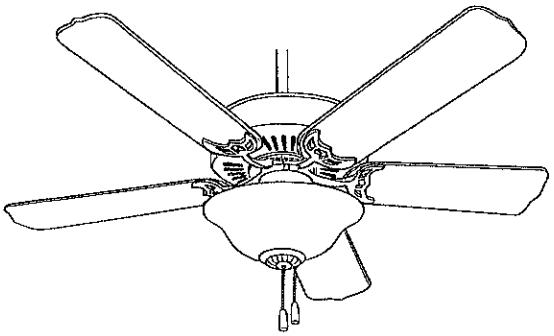
READ AND SAVE THESE INSTRUCTIONS



52" Ceiling Fan
Owner's Manual

Net Weight: 16.9 Lbs.

⚠ WARNING

WARNING: To avoid fire, shock, and serious personal injury, follow these instructions.

Safety Instructions

1. Read your owner's manual carefully and keep it for future reference.
2. Before servicing or cleaning unit, switch power off at service panel and lock service panel disconnecting means to prevent power from being switched on accidentally. When the service disconnecting means cannot be locked, securely fasten a warning device, such as a tag, to the service panel.
3. Be careful of the fan and blades when cleaning, painting, or working near the fan. Always turn off the power to the ceiling fan before servicing.
4. Do not put anything into the fan blades while they are turning.
5. Do not operate reversing switch until fan blades have come to a complete stop.

Additional Safety Instructions for Installation

1. To avoid possible shock, be sure electricity is turned off at the fuse box before wiring, and do not operate fan without blades.
2. The installation is to be in accordance with the National Electrical Code, "ANSI/NFPA 70-1999" and Local Electrical Codes. Use the National Electrical Code if Local Codes do not exist. The ceiling fan must be grounded as a precaution against possible electrical shock. Electrical installation should be made or approved by a licensed electrician.
3. The outlet box and joist must be securely mounted and capable of reliably supporting at least 50 pounds. Use only U.L. outlet boxes listed as "Acceptable for Fan Support", and use the mounting screws provided with the outlet box. Most outlet boxes commonly used for support of light fixtures are not acceptable for fan support and may need to be replaced. Consult a qualified electrician if in doubt.
4. The downrod furnished with the fan provides the minimum recommended floor to fan blade clearance for an 8-foot ceiling.
5. The fan must be mounted with the fan blades at least 7 feet from the floor to prevent accidental contact with the fan blades.
6. Follow the recommended instructions for the proper method of wiring your ceiling fan. If you do not know enough about electrical wiring, have your fan installed by a licensed electrician.

NOTE: This fan is NOT suitable for use with solid-state speed controls.

WARNING: This product is designed to use only those parts supplied with this product and/or any accessories designated specifically for use with this product by Emerson Electric Co. Substitution of parts or accessories not designated for use with this product by Emerson Electric Co. could result in personal injury or property damage.

WARNING: To reduce the risk of personal injury, do not bend the blade flange when installing the blade flanges, balancing the blades or cleaning the fan. Do not insert foreign objects in between rotating fan blades.

WARNING: To reduce the risk of electrical shock, this fan must be installed with an isolating wall control/switch.

DATE CODE: _____

The date code of this fan may be found on the box, stamped in ink on a white label.

You should record this data above and keep it in a safe place for future use.

This Manual Is Designed to Make it as Easy as Possible for You to Assemble, Install, Operate and Maintain Your Ceiling Fan

Tools Needed for Assembly

One Phillips head screwdriver
One 1/4" blade screwdriver
One stepladder
One wire stripper

Installed Wire Length	Wire Size A.W.G.
Up to 50 ft.	14
50-100 ft.	12

MATERIALS

Wiring outlet box and box connectors must be of type required by the local code. The minimum wire shall be a 3-conductor (2-wire with ground) of the following size:

⚠ WARNING

Before assembling your ceiling fan, refer to section on proper method of wiring your fan (page 7). If you feel you do not have enough wiring knowledge or experience, have your fan installed by a licensed electrician.

Unpacking Instructions

For your convenience, check-off boxes are provided next to each step. As each step is completed, place a check mark in the box. This will insure that all steps have been completed and will be helpful in finding your place should you be interrupted.

⚠ WARNING

Do not install or use fan if any part is damaged or missing.

⚠ WARNING

This product is designed to use only those parts supplied with this product and/or any accessories designated specifically for use with this product by Emerson Electric Company. Substitution of parts or accessories not designated for use with this product by Emerson Electric Company could result in personal injury or property damage.

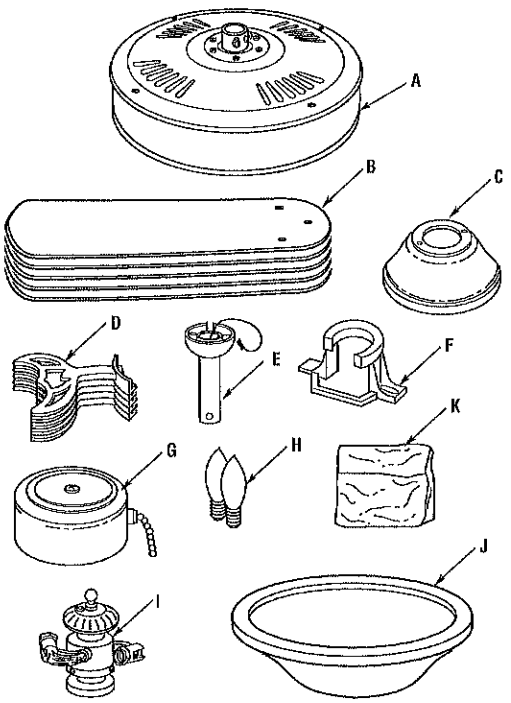
☐ **1.** Check to see that you have received the following parts:

NOTE: If you are uncertain of part description, refer to exploded view illustration.

a. Fan motor assembly
b. Five fan blades
c. One ceiling cover
d. Five blade flanges
e. One hanger ball/downrod assembly
f. One hanger bracket
g. One switch housing assembly
h. Two 60-watt candelabra bulbs
i. One light fitter
j. One glass bowl
k. One loose parts bag containing:
   1. Sixteen M5 x 6mm washer head blade screws
   2. Two threaded studs, #8-32 x 1-1/4"
   3. Two lockwashers, #8-32
   4. Two knurled knobs, #8-32
   5. Two wood pendants
   6. Two couplings
   7. Three wire connectors
   8. One clevis pin
   9. One hairpin clip
   10. Eleven M6 x 12mm flange head screws with lockwashers

NOTE: Place the parts from the loose parts bags in a small container to keep them from being lost. If any parts are missing, contact your local retailer or catalog outlet for replacement before proceeding.

☐ **2.** Remove the fan housing assembly from the protective plastic bag. Turn the upper styrofoam pad over and carefully place the fan motor assembly into the recess in the pad with the top of the motor facing up.



How to Put Your Ceiling Fan Together

☐ 1. Pass the 42" motor leads through the opening in the ceiling cover. Be sure the cover is oriented correctly.

☐ 2. Separate, untwist and unkink the three motor leads. Route the motor leads through the hanger ball/downrod assembly.

☐ 3. Loosen the two setscrews in the motor coupling. Align the clevis pin holes in the downrod with the holes in the motor coupling. Install the clevis pin and secure with the hairpin clip (Figure 1). The clevis pin must go through the holes in the motor coupling and the holes in the downrod. Be sure to push the straight leg of the hairpin clip through the hole near the end of the clevis pin until the curved portion of the hairpin clip snaps around the clevis pin. The hairpin clip must be properly installed to prevent the clevis pin from working loose. Pull on the hanger ball to make sure the clevis pin is properly installed.

⚠ WARNING

It is critical that the clevis pin in the motor coupling is properly installed and the setscrews securely tightened. Failure to verify that the pin and setscrews are properly installed could result in the fan falling.

☐ 4. While pulling up on the hanger ball, securely tighten the two setscrews in the motor coupling (Figure 1).

NOTE: The setscrews must be properly installed as described above, or fan wobble could result.

☐ 5. The fan comes with blue, black and white leads that are 42" long. Measure up approximately 6 to 9-inches above top of hanger ball/downrod assembly. Cut off excess leads and strip back insulation 1/2-inch from end of leads.

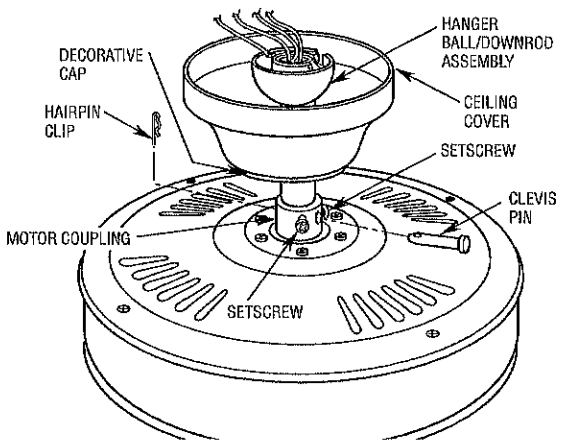


Figure 1

☐ 6. Mount the blade flanges to fan blades using three M5 x 6mm washer head blade screws per blade (Figure 2).

⚠ WARNING

To reduce the risk of personal injury, do not bend the blade flanges when installing the flanges, balancing the blades, or cleaning the fan. Do not insert foreign objects between rotating fan blades.

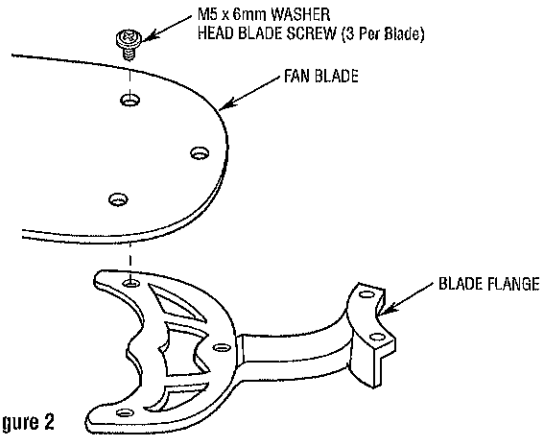


Figure 2

NOTE: Take care not to scratch fan housing when installing blades.

NOTE: Remove and discard the three shipping spacers and screws from the motor hub.

☐ 7. Turn the fan assembly upside down in preparation for mounting the fan blade assemblies.

☐ 8. Rotate the motor hub until the flange screw hole is next to the cutout in the switch housing plate. Attach the blade assembly to the motor hub using the two M6 x 12mm flange head screws and lockwashers (Figure 3). Make sure all screws are tightened. Repeat this procedure for the other four blade assemblies.

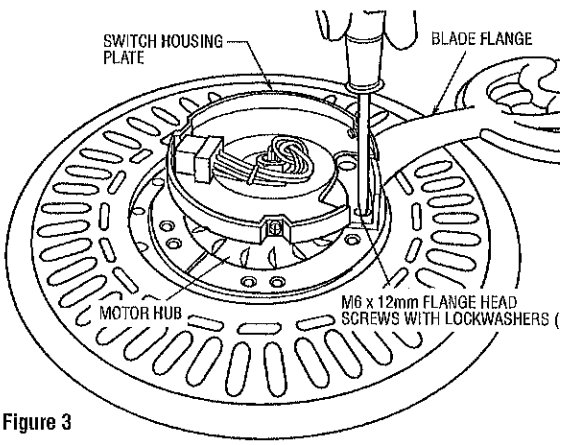


Figure 3

☐ **9.** Remove the center plug screw from the switch housing assembly (Figure 4). Remove and retain the two wire connectors.

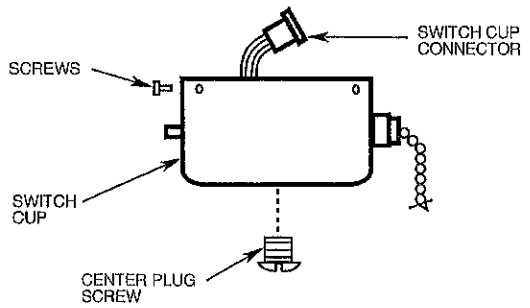


Figure 4

☐ **10.** Remove and retain the lockwasher and nut from the light fitter. Insert the black and white wires from the light fitter through the center hole in the switch housing assembly. Thread the switch housing assembly onto the light fitter. Reinstall the lockwasher and nut and tighten securely (Figure 5).

☐ **11.** Connect the white wire from the ceiling fan to the white wire of the light fitter. Connect the blue wire from the ceiling fan to the black wire of the light fitter. Use wire connectors (previously removed) to make connections (Figure 5).

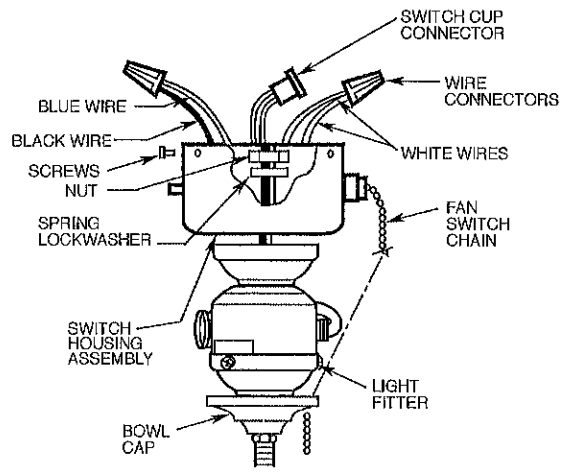


Figure 5

☐ **12.** Engage the connector of the switch housing assembly with the motor connector (Figure 6). The two connectors are keyed and color-coded and must be mated correctly (color-to-color) before they can be engaged. Make sure the connectors latch closes properly.

☐ **13.** Carefully tuck all wires and splices into the switch housing.

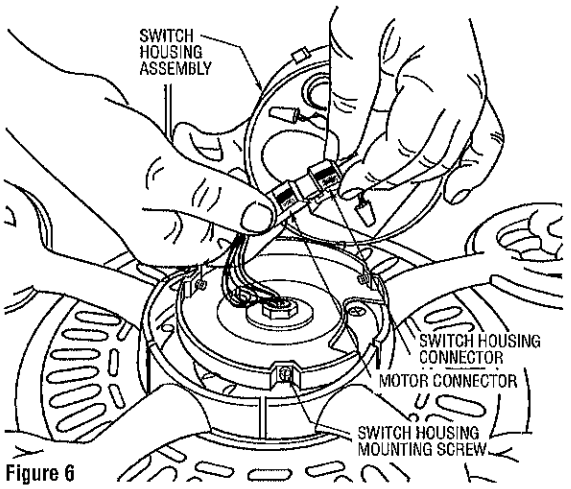


Figure 6

☐ **14.** Remove the three switch housing mounting screws (Figure 7) from the switch housing plate. Position the switch housing assembly on the switch housing plate and align the holes in the switch housing assembly with the holes in the plate. Secure the switch housing assembly by installing the three mounting screws (Figure 7).

⚠ WARNING

Do not pinch wires between the switch housing assembly and the switch housing plate.

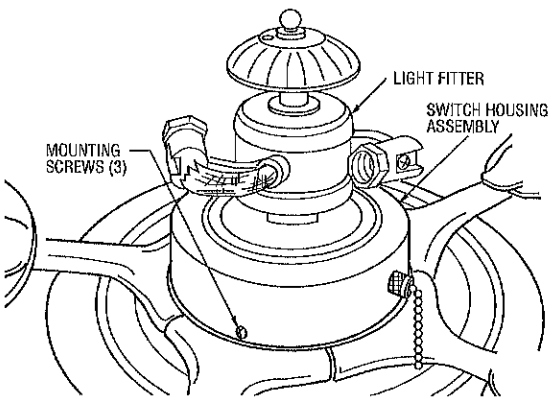


Figure 7

☐ **15.** Install two 60-watt (maximum) candelabra base light bulbs into the light fitter sockets (Figure 8).

☐ **16.** Remove the finial nut and outer bowl cap from the light fitter (Figure 8).

☐ **17.** Pass the fan switch chain through the cut-slotted hole in the bowl cap (Figure 8).

⚠ WARNING

To avoid possible fire hazard, do not exceed wattage indicated on the fitter.

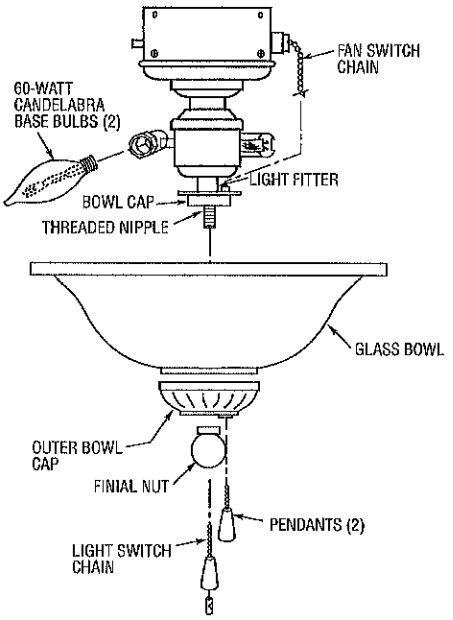


Figure 8

☐ **18.** Position the glass bowl over the threaded nipple and seat bowl on bowl cap (Figure 16). Pass the fan pull chain through the bushing in the outer bowl cap and install the cap on the threaded nipple. Install nut finial finger tight.

CAUTION

Be sure that the fan switch chain does not make contact with the light bulbs. If necessary reposition the light fitter to avoid the fan switch chain from touching the light bulbs.

☐ **19.** Install pendants onto light fixture chain and fan switch chain using couplings provided.

NOTE: It is advisable to periodically check the tightness of the finial.

☐ **20.** You have now completed the assembly of your new ceiling fan. You can now proceed with hanging and wiring your fan.

Electrical Requirements

Your new ceiling fan will require a grounded electrical supply line of 120 volts AC, 60 Hz, 15 amp circuit.

The outlet box must be securely anchored and capable of withstanding a load of at least 50 pounds.

⚠ WARNING

To reduce the risk of fire, electrical shock, or personal injury, mount fan to outlet box marked "Acceptable for Fan Support", and use screws supplied with outlet box. Most outlet boxes commonly used for support of light fixtures are not acceptable for fan support and may need to be replaced. Consult a qualified electrician if in doubt.

If your fan is to replace an existing ceiling light fixture, turn electricity off at the main fuse box at this time and remove the existing light fixture.

⚠ WARNING

Turning off wall switch is not sufficient. To avoid possible electrical shock, be sure electricity is turned off at the main fuse box before wiring. All wiring must be in accordance with National and Local Codes and the ceiling fan must be properly grounded as a precaution against possible electrical shock.

⚠ WARNING

To avoid possible fire or shock, do not pinch wires between the hanger ball/downrod assembly and hanger bracket.

Installing The Hanger Bracket

⚠ WARNING

The fan must be hung with at least 7' of clearance from floor to blades (Figure 9).

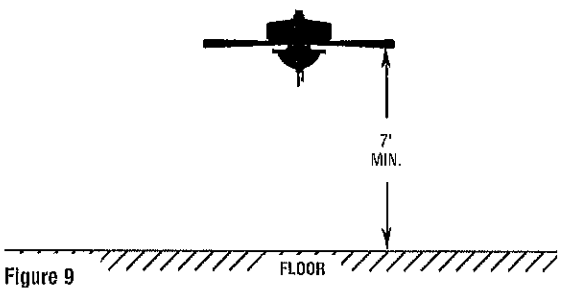


Figure 9

⚠ WARNING

The outlet box and joist must be securely mounted and capable of supporting at least 50 lbs. Use only a U.L. outlet box listed as "Acceptable for Fan Support".

⚠ WARNING

To reduce the risk of fire, electric shock, or personal injury, mount fan to outlet box marked "Acceptable for Fan Support", and use screws supplied with outlet box. Most outlet boxes commonly used for support of light fixtures are not acceptable for fan support and may need to be replaced. Consult a qualified electrician if in doubt.

☐ 1. Securely attach the hanger bracket to the outlet box using the two screws supplied with the outlet box. (Figure 10.)

⚠ WARNING

Hanger bracket must seat firmly against outlet box. If the outlet box is recessed, remove wall board until bracket contacts box. If bracket and/or outlet box are not securely attached, the fan could wobble or fall.

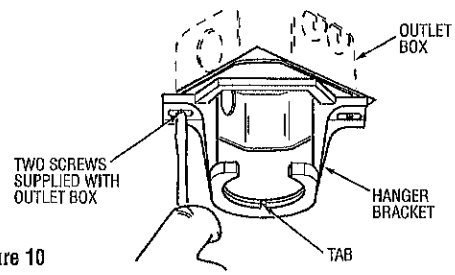


Figure 10

☐ 2. Carefully lift the fan and seat the hanger ball/downrod assembly on the hanger bracket that was just attached to the outlet box (Figure 11). Be sure the groove in the ball is lined up with tab on the hanger bracket (Figure 11).

⚠ WARNING

Failure to seat tab in groove could cause damage to electrical wires and possible shock or fire hazard.

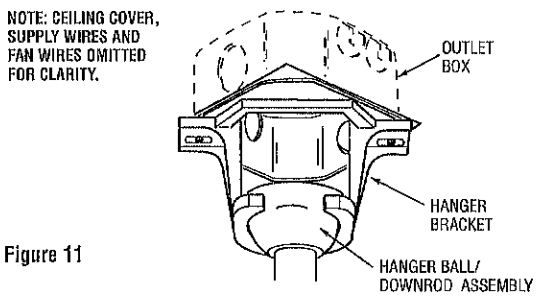

NOTE: CEILING COVER, SUPPLY WIRES AND FAN WIRES OMITTED FOR CLARITY.
OUTLET BOX
HANGER BRACKET
HANGER BALL/ DOWNROD ASSEMBLY

Figure 11

⚠ WARNING

To avoid possible fire or shock, do not pinch wires between the hanger ball/downrod assembly and hanger bracket.

Wiring The Ceiling Fan

If you feel that you do not have enough electrical wiring knowledge or experience, have your fan installed by a licensed electrician.

⚠ WARNING

To avoid possible electrical shock, be sure electricity is turned off at the main fuse box before wiring.

NOTE: If you are not sure if the outlet box is grounded, contact a licensed electrician for advice, as it must be grounded for safe operation.

☐ 1. Connect the green grounding lead from the hanger ball and the green grounding lead from the hanger bracket to the grounding conductor of supply (this may be a bare wire or wire with green colored insulation). Securely connect wires using wire connectors supplied (Figure 12).

⚠ WARNING

This product is designed to use only those parts supplied with this product and/or any accessories designated specifically for use with this product by Emerson Electric Co. Substitution of parts or accessories not designated for use with this product by Emerson Electric Co. could result in personal injury or property damage.

☐ 2. Securely connect the fan motor white wire to the supply white (neutral) wire using wire connector supplied (Figure 12). Securely connect the fan motor black wire and blue wire to the supply black (hot) wire using wire connector supplied (Figure 12). After connections have been made, turn leads upward and carefully push leads into the outlet box, with the white and green leads on one side of the outlet box and the black and blue leads on the other side of the outlet box.

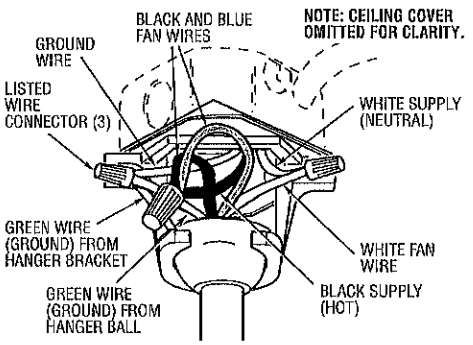

BLACK AND BLUE FAN WIRES
NOTE: CEILING COVER OMITTED FOR CLARITY.
GROUND WIRE
LISTED WIRE CONNECTOR (3)
WHITE SUPPLY (NEUTRAL)
GREEN WIRE (GROUND) FROM HANGER BRACKET
WHITE FAN WIRE
GREEN WIRE (GROUND) FROM HANGER BALL
BLACK SUPPLY (HOT)

Figure 12

⚠ WARNING

Check to see that all connections are tight, including ground, and that no bare wire is visible at the wire connectors, except for the ground wire. Do not operate fan until blades are in place. Noise and fan damage could result.

☐ 3. Screw the two threaded studs (supplied) into the tapped holes in the hanger bracket.

☐ 4. Lift the ceiling cover up to the threaded studs and turn until studs protrude through the holes in the ceiling cover (Figure 13).

☐ 5. Secure the ceiling cover in place by sliding lockwashers over the threaded studs and installing the two knurled knobs (supplied). (Figure 13.) Tighten the knurled knobs securely until the ceiling cover fits snugly against the ceiling and the hole in the ceiling cover is clear of the downrod. Your fan is now wired to be turned on and off from the fan switch.

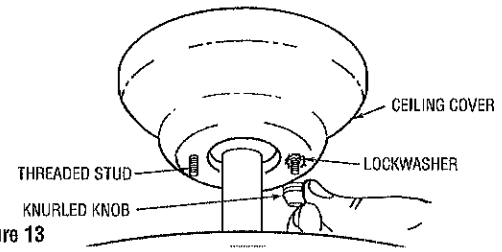


Figure 13

⚠ WARNING

To avoid possible fire or shock, make sure that the electrical wires are completely inside the outlet box and not pinched between the ceiling cover and the ceiling.

☐ 6. Cut the 3-speed switch pull chain to a desired length (optional). Connect the wood pendant (supplied) to the 3-speed switch pull chain by sliding the wooden pendant (small hole first) onto the pull chain. Attach the chain coupler to the end of the chain and allow the wooden pendant to fall down over the coupling.

Using Your Ceiling Fan

☐ 1. Restore electrical power to the outlet box by turning the electricity on at the main fuse box.

☐ 2. Check the operation of the light by gently pulling on the light switch pull chain.

☐ 3. Check the operation of the fan by gently pulling on the speed control switch pull chain. The operation sequence is as follows:

1st pull - High 3rd pull - Low

2nd pull - Medium 4th pull - OFF

☐ 4. Your fan is shipped from the factory with the reversing switch positioned to circulate air downward. If airflow is desired in opposite direction, turn the fan off and wait for the blades to stop turning, then slide the reversing switch to the opposite position, and turn the fan on again. The fan blades will turn in the opposite direction and reverse the airflow.